Meltdown

Moonn Electronics

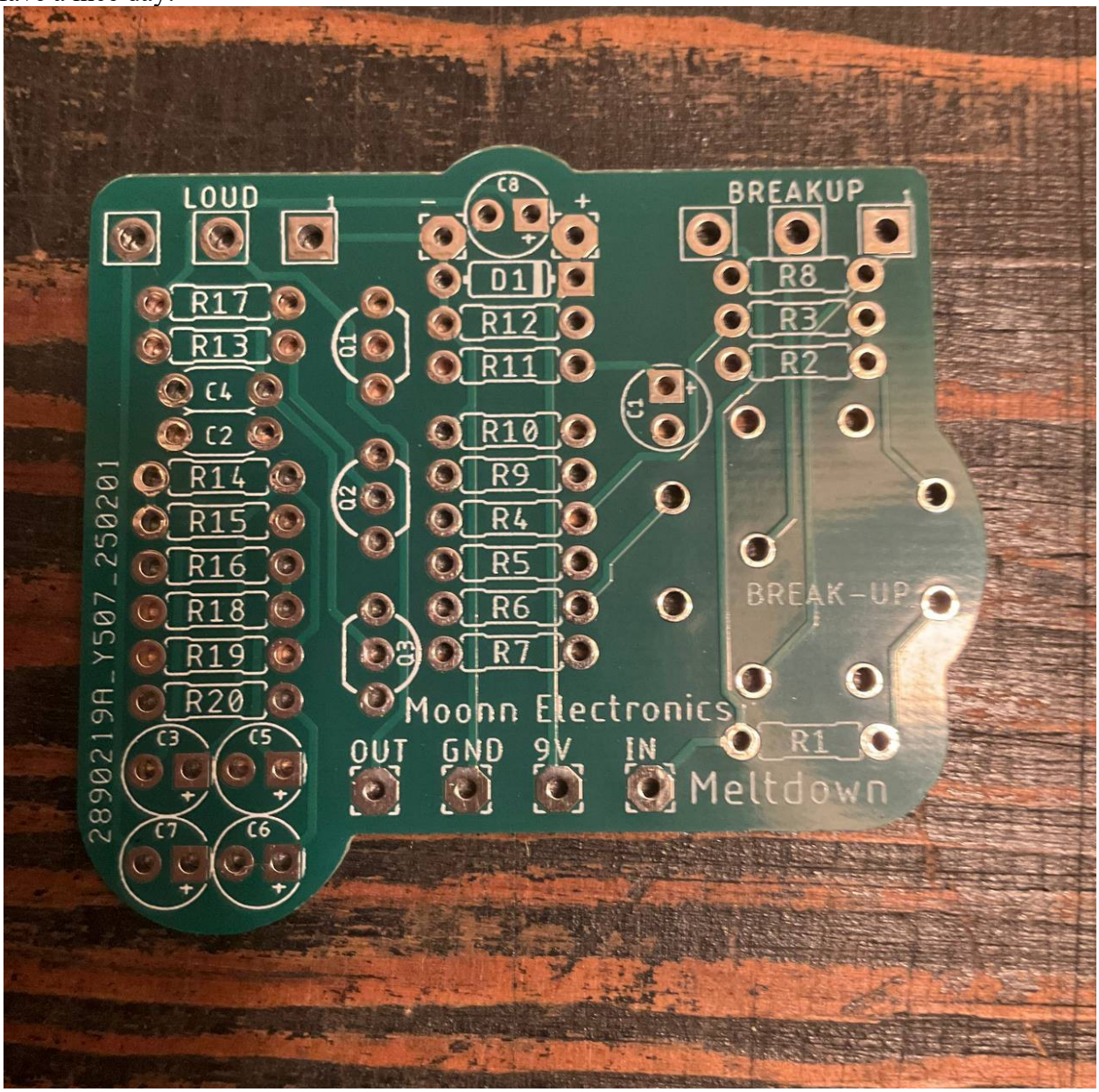
Use me to build a clone of the Danelectro The Breakdown

Hi there!
Thank you for building me!

You can build me with a rotary switch for the breakup or with a Potentiometer
The Potentiometer is better
and the switch works a little weird because the person who made me fucked up...

If you have any questions or anything else to say, just write an email to
moonnelectronics@gmail.com

Have a nice day!



Moonn Electronics is in no way affiliated with Danelectro

Bill of Materials

Breakup Potentiometer

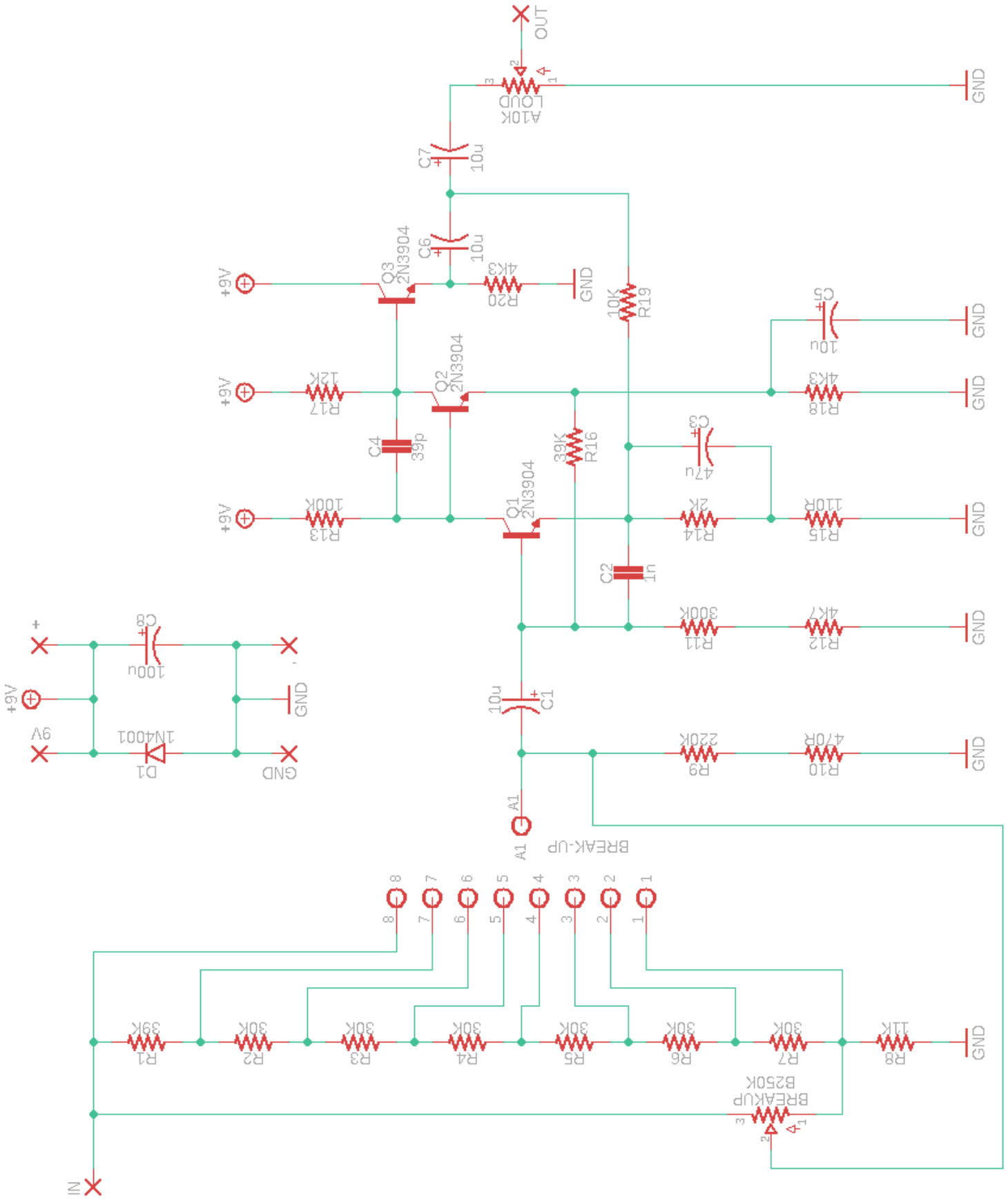
Qty	Value	Parts
Resistors		
1	110R	R15
1	470R	R10
1	2K	R14
2	4K3	R18, R20
1	4K7	R12
1	10K	R19
1	11K	R8
1	12K	R17
1	39K	R16
1	100K	R13
1	220K	R9
1	300K	R11
Ceramic and Film Capacitors		
1	39p	C4
1	1n	C2
Electrolytic Capacitors		
4	10u	C1, C5, C6, C7
1	47u	C3
1	100u	C8
Semiconductors		
1	1N4001	D1
3	2N3904	Q1, Q2, Q3
Switches and Potentiometers		
1	A10K	LOUD
1	B250K	BREAKUP

Bill of Materials

Breakup Switch

Qty	Value	Parts
Resistors		
1	110R	R15
1	470R	R10
1	2K	R14
2	4K3	R18, R20
1	4K7	R12
1	10K	R19
1	11K	R8
1	12K	R17
6	30K	R2, R3, R4, R5, R6, R7
2	39K	R1, R16
1	100K	R13
1	220K	R9
1	300K	R11
Ceramic and Film Capacitors		
1	39p	C4
1	1n	C2
Electrolytic Capacitors		
4	10u	C1, C5, C6, C7
1	47u	C3
1	100u	C8
Semiconductors		
1	1N4001	D1
3	2N3904	Q1, Q2, Q3
Switches and Potentiometers		
1	1P8T	BREAK-UP
1	A10K	LOUD

Schematic


OUT
A10K
LOUD
GND
C7
10u
C6
10u
Q3
2N3904
+9V
R20
4K3
10K
R19
C5
10u
Q2
2N3904
R17
12K
R18
4K3
C4
39p
39K
R16
C3
47u
Q1
2N3904
R13
100K
R14
2K
R15
110R
C2
1u
R11
300K
R12
4K7
C8
100u
9V
1N4001
D1
C1
10u
R9
220K
R10
470R
A1
BREAK-UP
R1
39K
R2
30K
R3
30K
R4
30K
R5
30K
R6
30K
R7
30K
R8
11K
BREAKUP
B250K
IN

Offboard Wiring